

SPECIFICATION

Please amend paragraph 5 as follows:

Once a rack is configured with its loads, it is then necessary to match it with a rack of power sources. It would be desirable to be able to configure the power distribution system so that all of the loads would remain fully powered at all times. This would require redundancy in power sources. Unfortunately, redundancy of this kind has been difficult to obtain in the past. This is due to the fact that loads could not use the -48 V DC directly, commonly available in the Telecom industry, but instead, each had its own power supply to provide required DC voltages from AC inputs. As a result, power distribution systems incorporating loads, such as computer equipment, for use in the Telecom industry, required power input redesign to enable the equipment to be powered directly from the standard DC voltage available in the Telecom industry environment. One such power distribution system directed to this end which provides full power source redundancy is disclosed, for example, in copending U.S. Patent Application Serial No. [] 10/773,008 (Attorney Docket No. 200209624-1 (1964-33-3)), filed [] February 5, 2004, and titled REDUNDANT INPUT POWER SYSTEM, which application is incorporated herein by reference. The system disclosed in this application permits loads, such as computer equipment, to be standardized for receipt within a rack of preset width and having a height equal to a whole number of height units. This also permits standardization of power sources. For example, six AC power supply providing 1,000 watts each of DC power at -48 V DC may have a rack height of 3U. Similarly, multiple standard 2,000 watt, -48 V DC battery supply feeds from the telecom industry's bus bar infrastructure are normally available above the racks. Both the AC sources and DC sources may provide the same DC output voltage of, for example, -48 V DC.

Please amend paragraph 24 as follows:

The redundant connection of each of the loads 30-41 may be accomplished as, for example, described in copending U.S. Application Serial No. [] 10/773,008 (Attorney Docket No. 200209624-1 (1964-33-3)), filed February 5, 2004, for REDUNDANT INPUT POWER SYSTEM, which application is assigned to the assignee of the present invention and incorporated herein by reference. As will be noted from that application, redundant connection of a load to various sources is provided by a power OR circuit.